

| ISSUE CLASSIFICATION | |
|----------------------|----------|
| Class | Subclass |
| | |

PATENT NUMBER

U.S. UTILITY Patent Application

O.I.P.E. PATENT DATE
 SCANNED 53 Q.A. 24

| | | | | | |
|------------------------------|-----------------|--------------|----------|------------------|--------------------|
| APPLICATION NO. 09/852781 | CONT/PRIOR D | CLASS 712 | SUBCLASS | ART UNIT 2783 | EXAMINER K. TAM |
|------------------------------|-----------------|--------------|----------|------------------|--------------------|

| TITLE | APPLICANTS |
|------------------------------|----------------------------|
| 1. <u>1st Vice President</u> | 1. <u>Mr. J. H. Smith</u> |
| 2. <u>2nd Vice President</u> | 2. <u>Mr. J. H. Smith</u> |
| 3. <u>Secretary</u> | 3. <u>Mr. J. H. Smith</u> |
| 4. <u>Treasurer</u> | 4. <u>Mr. J. H. Smith</u> |
| 5. <u>Member</u> | 5. <u>Mr. J. H. Smith</u> |
| 6. <u>Member</u> | 6. <u>Mr. J. H. Smith</u> |
| 7. <u>Member</u> | 7. <u>Mr. J. H. Smith</u> |
| 8. <u>Member</u> | 8. <u>Mr. J. H. Smith</u> |
| 9. <u>Member</u> | 9. <u>Mr. J. H. Smith</u> |
| 10. <u>Member</u> | 10. <u>Mr. J. H. Smith</u> |
| 11. <u>Member</u> | 11. <u>Mr. J. H. Smith</u> |
| 12. <u>Member</u> | 12. <u>Mr. J. H. Smith</u> |
| 13. <u>Member</u> | 13. <u>Mr. J. H. Smith</u> |
| 14. <u>Member</u> | 14. <u>Mr. J. H. Smith</u> |
| 15. <u>Member</u> | 15. <u>Mr. J. H. Smith</u> |
| 16. <u>Member</u> | 16. <u>Mr. J. H. Smith</u> |
| 17. <u>Member</u> | 17. <u>Mr. J. H. Smith</u> |
| 18. <u>Member</u> | 18. <u>Mr. J. H. Smith</u> |
| 19. <u>Member</u> | 19. <u>Mr. J. H. Smith</u> |
| 20. <u>Member</u> | 20. <u>Mr. J. H. Smith</u> |
| 21. <u>Member</u> | 21. <u>Mr. J. H. Smith</u> |
| 22. <u>Member</u> | 22. <u>Mr. J. H. Smith</u> |
| 23. <u>Member</u> | 23. <u>Mr. J. H. Smith</u> |
| 24. <u>Member</u> | 24. <u>Mr. J. H. Smith</u> |
| 25. <u>Member</u> | 25. <u>Mr. J. H. Smith</u> |
| 26. <u>Member</u> | 26. <u>Mr. J. H. Smith</u> |
| 27. <u>Member</u> | 27. <u>Mr. J. H. Smith</u> |
| 28. <u>Member</u> | 28. <u>Mr. J. H. Smith</u> |
| 29. <u>Member</u> | 29. <u>Mr. J. H. Smith</u> |
| 30. <u>Member</u> | 30. <u>Mr. J. H. Smith</u> |
| 31. <u>Member</u> | 31. <u>Mr. J. H. Smith</u> |
| 32. <u>Member</u> | 32. <u>Mr. J. H. Smith</u> |
| 33. <u>Member</u> | 33. <u>Mr. J. H. Smith</u> |
| 34. <u>Member</u> | 34. <u>Mr. J. H. Smith</u> |
| 35. <u>Member</u> | 35. <u>Mr. J. H. Smith</u> |
| 36. <u>Member</u> | 36. <u>Mr. J. H. Smith</u> |
| 37. <u>Member</u> | 37. <u>Mr. J. H. Smith</u> |
| 38. <u>Member</u> | 38. <u>Mr. J. H. Smith</u> |
| 39. <u>Member</u> | 39. <u>Mr. J. H. Smith</u> |
| 40. <u>Member</u> | 40. <u>Mr. J. H. Smith</u> |
| 41. <u>Member</u> | 41. <u>Mr. J. H. Smith</u> |
| 42. <u>Member</u> | 42. <u>Mr. J. H. Smith</u> |
| 43. <u>Member</u> | 43. <u>Mr. J. H. Smith</u> |
| 44. <u>Member</u> | 44. <u>Mr. J. H. Smith</u> |
| 45. <u>Member</u> | 45. <u>Mr. J. H. Smith</u> |
| 46. <u>Member</u> | 46. <u>Mr. J. H. Smith</u> |
| 47. <u>Member</u> | 47. <u>Mr. J. H. Smith</u> |
| 48. <u>Member</u> | 48. <u>Mr. J. H. Smith</u> |
| 49. <u>Member</u> | 49. <u>Mr. J. H. Smith</u> |
| 50. <u>Member</u> | 50. <u>Mr. J. H. Smith</u> |
| 51. <u>Member</u> | 51. <u>Mr. J. H. Smith</u> |
| 52. <u>Member</u> | 52. <u>Mr. J. H. Smith</u> |
| 53. <u>Member</u> | 53. <u>Mr. J. H. Smith</u> |
| 54. <u>Member</u> | 54. <u>Mr. J. H. Smith</u> |
| 55. <u>Member</u> | 55. <u>Mr. J. H. Smith</u> |
| 56. <u>Member</u> | 56. <u>Mr. J. H. Smith</u> |
| 57. <u>Member</u> | 57. <u>Mr. J. H. Smith</u> |
| 58. <u>Member</u> | 58. <u>Mr. J. H. Smith</u> |
| 59. <u>Member</u> | 59. <u>Mr. J. H. Smith</u> |
| 60. <u>Member</u> | 60. <u>Mr. J. H. Smith</u> |
| 61. <u>Member</u> | 61. <u>Mr. J. H. Smith</u> |
| 62. <u>Member</u> | 62. <u>Mr. J. H. Smith</u> |
| 63. <u>Member</u> | 63. <u>Mr. J. H. Smith</u> |
| 64. <u>Member</u> | 64. <u>Mr. J. H. Smith</u> |
| 65. <u>Member</u> | 65. <u>Mr. J. H. Smith</u> |
| 66. <u>Member</u> | 66. <u>Mr. J. H. Smith</u> |
| 67. <u>Member</u> | 67. <u>Mr. J. H. Smith</u> |
| 68. <u>Member</u> | 68. <u>Mr. J. H. Smith</u> |
| 69. <u>Member</u> | 69. <u>Mr. J. H. Smith</u> |
| 70. <u>Member</u> | 70. <u>Mr. J. H. Smith</u> |
| 71. <u>Member</u> | 71. <u>Mr. J. H. Smith</u> |
| 72. <u>Member</u> | 72. <u>Mr. J. H. Smith</u> |
| 73. <u>Member</u> | 73. <u>Mr. J. H. Smith</u> |
| 74. <u>Member</u> | 74. <u>Mr. J. H. Smith</u> |
| 75. <u>Member</u> | 75. <u>Mr. J. H. Smith</u> |
| 76. <u>Member</u> | 76. <u>Mr. J. H. Smith</u> |
| 77. <u>Member</u> | 77. <u>Mr. J. H. Smith</u> |
| 78. <u>Member</u> | 78. <u>Mr. J. H. Smith</u> |
| 79. <u>Member</u> | 79. <u>Mr. J. H. Smith</u> |
| 80. <u>Member</u> | 80. <u>Mr. J. H. Smith</u> |
| 81. <u>Member</u> | 81. <u>Mr. J. H. Smith</u> |
| 82. <u>Member</u> | 82. <u>Mr. J. H. Smith</u> |
| 83. <u>Member</u> | 83. <u>Mr. J. H. Smith</u> |
| 84. <u>Member</u> | 84. <u>Mr. J. H. Smith</u> |
| 85. <u>Member</u> | 85. <u>Mr. J. H. Smith</u> |
| 86. <u>Member</u> | 86. <u>Mr. J. H. Smith</u> |
| 87. <u>Member</u> | 87. <u>Mr. J. H. Smith</u> |
| 88. <u>Member</u> | 88. <u>Mr. J. H. Smith</u> |
| 89. <u>Member</u> | 89. <u>Mr. J. H. Smith</u> |
| 90. <u>Member</u> | 90. <u>Mr. J. H. Smith</u> |
| 91. <u>Member</u> | 91. <u>Mr. J. H. Smith</u> |
| 92. <u>Member</u> | 92. <u>Mr. J. H. Smith</u> |
| 93. <u>Member</u> | 93. <u>Mr. J. H. Smith</u> |
| 94. <u>Member</u> | 94. <u>Mr. J. H. Smith</u> |
| 95. <u>Member</u> | 95. <u></u> |

Page 22

Sheaf data model

PTO-2040
12/89

| ISSUING CLASSIFICATION | | | | | | | | | | | | |
|------------------------------|--|----------|--|--------------------|-----------------------------------|--|--|--|--|--|--|--|
| ORIGINAL | | | | CROSS REFERENCE(S) | | | | | | | | |
| CLASS | | SUBCLASS | | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) | | | | | | | |
| | | | | | | | | | | | | |
| INTERNATIONAL CLASSIFICATION | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

☐ Continued on Issue Slip Inside File Jacket

| | | | | |
|---|--|------------|---|--------------|
| <input type="checkbox"/> TERMINAL DISCLAIMER | DRAWINGS | | CLAIMS ALLOWED | |
| | Sheets Dwg. | Figs. Dwg. | Print Fig. | Total Claims |
| <input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed. | _____ (Assistant Examiner) (Date) | | NOTICE OF ALLOWANCE MAILED | |
| <input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent. No. _____ _____ _____ | _____ (Primary Examiner) (Date) | | ISSUE FEE | |
| | | | Amount Due | Date Paid |
| <input type="checkbox"/> The terminal _____ months of this patent have been disclaimed. | _____ (Legal Instruments Examiner) (Date) | | ISSUE BATCH NUMBER | |
| WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only. | | | | |

Form PTO-438A
(Rev. 6/99)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM
(Attached in pocket on right inside flap)